

Rabbit anti-Human, Mouse TAMM41 Polyclonal Antibody | anti-TAMM41 antibody

TAMM41 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231745	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TAMM41; Polyclonal Antibody; TAMM41 Antibody; Phosphatidate cytidyltransferase; mitochondrial; CDP-diacylglycerol synthase; CDP-DAG synthase; Mitochondrial translocator assembly and maintenance protein 41 homolog; TAM41; C3orf31; anti-TAMM41 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	337
Applicable Applications for anti-TAMM41 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Phosphatidate cytidyltransferase, mitochondrial protein (C-292AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-130997 / sc-99790 / sc-99791
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



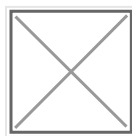
IF (Immunofluorescence)

Immunofluorescent analysis of PC3 cells using AAA231745 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



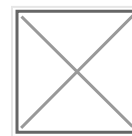
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human glioma cancer using AAA231745 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231745 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: TAMM41 antibody at 1.68 ug/ml+ Mouse brain tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 52,36,39 kDaObserved band size: 51 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TAMM41 antibody	Catalyzes the formation of CDP-diacylglycerol (CDP-DAG) from phosphatidic acid (PA) in the mitochondrial inner membrane. Required for the biosynthesis of the dimeric phospholipid cardiolipin, which stabilizes supercomplexes of the mitochondrial respiratory chain in the mitochondrial inner membrane (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	548923669
NCBI GeneID	132001
NCBI Accession #	NP_001271330.1
NCBI GenBank Nucleotide #	NM_001284401.1
UniProt Accession #	Q96BW9; B4DIY7; C9J2U4
Molecular Weight	38,079 Da
NCBI Official Full Name	phosphatidate cytidyltransferase, mitochondrial isoform a
NCBI Official Synonym Full Names	TAM41 mitochondrial translocator assembly and maintenance homolog
NCBI Official Symbol	TAMM41
NCBI Official Synonym Symbols	RAM41; TAM41; C3orf31
NCBI Protein Information	phosphatidate cytidyltransferase, mitochondrial
UniProt Protein Name	Phosphatidate cytidyltransferase, mitochondrial
UniProt Gene Name	TAMM41
UniProt Synonym Gene Names	C3orf31; CDP-DAG synthase; TAM41
UniProt Entry Name	TAM41_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tamm41-antibody-immunohistochemistry-western-blot-elisa/231745>